



DSA BULLETIN

Issuance Date: January 1, 2003

Revision Date: August 9, 2004

To: Division of the State Architect Regional Offices, School Districts,
and Interested Parties

From: **Division of the State Architect**
Department of General Services
State of California

**SUBJECT: AB16 (PROPOSITION 47 & PROPOSITION 55) ENERGY ALLOWANCE
GRANT PROJECTS
DSA VERIFICATION OF ENERGY EFFICIENCY COMPLIANCE**

The passage of Proposition 47 has made funding available for Energy Allowance grants. Prior to submitting a project to the Office of Public School Construction (OPSC) for grant funding, the school district must request and obtain DSA verification of project compliance with energy efficiency requirements of the Energy Allowance Grant Program.

In order to comply, the net project energy efficiency must exceed Part 6, Title 24 (California Energy Code) non-residential energy efficiency standards as follows:

- For total square footage of new (proposed) construction, additions and newly conditioned space, the calculated use of source energy must be at least 15% less than the energy budget.
- For total square footage being modernized, the calculated use of source energy must be at least 10% less than the energy budget.

Statutes and regulations regarding the Energy Allowance Grant program include Section 17077.35 of the California Education Code (www.leginfo.ca.gov), and Sections 1859.71.3 and 1859.78.5 of Title 2, California Code of Regulations (www.oal.ca.gov).

Energy Compliance Documentation Requirements

Compliance documentation must demonstrate that the weighted average of the project's square footage complies with the efficiency requirements of the Energy Allowance Grant Program as stated above. The project's energy efficiency analysis must utilize a California Energy Commission (CEC) approved performance compliance approach (i.e. EnergyPro 3.1 or Perform 2001).

The compliance documentation author must determine the percentage by which the cumulative total of all buildings exceeds Part 6, Title 24 energy efficiency standards. If a project contains both new buildings (or additions) and modernization of existing buildings, this percentage must be determined separately for the new buildings and for the modernized existing buildings.

For all new buildings or additions within the project:

% = Subtract [total calculated energy use of all new buildings] from [total energy budget for all new buildings], then divide by [total energy budget for all new buildings].

For all existing buildings being modernized within the project:

% = Subtract [total calculated energy use of all modernized buildings] from [total energy budget for all modernized buildings], then divide by [total energy budget for all modernized buildings].

DSA Verification of Energy Efficiency Compliance

Projects submitted for DSA verification may include new project applications, projects currently in plan review, or previously approved projects with currently valid approval.

A request for energy review of a previously approved project will be processed by DSA as a revision. The request must include a written description prepared by the design professional in general responsible charge (project architect), of any changes made to the approved plans.

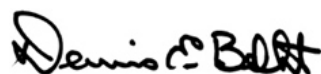
Costs incurred by DSA to review and verify energy compliance shall be recovered from the school district prior to issuance of the verification to OPSC.

The following steps must be completed to obtain DSA verification:

1. The school district must submit to DSA an "Energy Allowance Request Form" found on the DSA homepage and verification of project compliance with energy efficiency requirements of the Proposition 47 Energy Allowance Grant program.
2. Upon receiving the written request, DSA will issue the *DSA Proposition 47 Energy Review Notification* within 10 working days to the project architect. This notification provides contact information for the DSA Energy Plan Review team (DSAEPR) who will review and verify the project's energy efficiency compliance.
3. The project architect must submit directly to the DSAEPR one complete set of plans & specifications and the project energy compliance documentation. The energy compliance submittal package must include all information as required per the "Energy Plan Review – Submittal Checklist, *which can be found at http://www.documents.dgs.ca.gov/dsa/other/energyreview_prelimchecklist.pdf*.
4. During the review phase, the DSAEPR may contact the project architect to request additional information or to address questions regarding the project's energy efficiency compliance.
5. Upon approval of the energy compliance documentation by the DSAEPR, the project architect will receive one copy of the approved Title 24 Perf-1 and the completed *Energy Compliance Review* form (DSA ECR-1). The completed DSA ECR-1 form will indicate the percentage by which the project exceeds efficiency standards.
6. During the energy review phase, the school district will receive an invoice from DSA for the energy compliance review. This invoice must be paid in order for DSA to issue the verification of energy compliance to OPSC.

Any questions regarding this Bulletin may be directed to DSA Sacramento, Lydia Barron, (916) 327-0535 or Lydia.Barron@dgs.ca.gov.

Questions regarding any project for which the Proposition 47 energy review has already been requested should be directed to the reviewing Regional Office.



Dennis Bellet, Chief Structural Engineer